Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claim 1 (currently amended): A digital camera comprising:

an optical system,

an optoelectric converter,

a recording medium,

a display, and

a digital signal processor ~~including the capability of displaying~~ to display on the display a state indicator that indicates progression of a transceiving state of data files being transmitted ~~to an external device~~ or ~~being~~ received ~~from~~ between the recording medium and an external device.

Claim 2 (currently amended): The digital camera of claim 1, wherein the digital camera further comprises:

a communication interface ~~capable of~~ transmitting ~~data files to an external device~~ and receiving data files ~~from an~~ between the recording medium and the external device.

Claim 3 (currently amended): The digital camera of claim 2, wherein the digital signal processor ~~includes the capability of displaying~~ displays on the display an initialization state of the communication interface.

Claim 4 (currently amended): The digital camera of claim 1, wherein the digital signal processor ~~includes the capability of displaying~~ displays on the display an electrical connection state between the digital camera and [[an]] the external device.

Claim 5 (currently amended): The digital camera of claim 1, wherein the digital signal processor further ~~includes the capability of monitoring~~ monitors the transceiving state of data files being transmitted ~~to an external device~~ or ~~being~~ received ~~from an~~ between the recording medium and the external device and the state indicator that indicates progression of the transceiving state.

Claim 6 (original): The digital camera of claim 1, wherein the external device is a computer.

Claim 7 (original): The digital camera of claim 1, wherein the display is an LCD panel.

Claim 8 (original): The digital camera of claim 1, wherein the recording medium is removable from the camera.

Claim 9 (original): The digital camera of claim 1, wherein the recording medium comprises solid state memory.

Claim 10 (currently amended): A digital camera comprising:

an optical system,

an optoelectric converter,

a recording medium,

a display,

a communication interface ~~capable of transmitting data files to an external device~~ to transmit and ~~receiving~~ to receive data files ~~from~~ between the recording medium and an external device, and

a digital signal processor ~~including the capability of displaying~~ to display on the display an initialization state of the communication interface.

Claim 11 (currently amended): The digital camera of claim 10, wherein the digital signal processor further ~~includes the capability of displaying~~ displays on the display an electrical connection state between the digital camera and [[an]] the external device.

Claim 12 (currently amended): The digital camera of claim 11, wherein the digital signal processor further ~~includes the capability of displaying~~ displays on the display a transceiving state of data files being transmitted ~~to an external device~~ or ~~being~~ received ~~from an~~ between the recording medium and the external device.

Claim 13 (original): The digital camera of claim 10, wherein the communication interface is a USB interface.

Claim 14 (currently amended): A digital camera comprising:

a means for creating a digital photograph,

a means for storing digital image data,

a means for displaying data,

a means for transmitting and receiving data files between the means for storing digital image data and an external device, and

a means for displaying ~~a transceiving~~ an initialization state of the means for transmitting data files ~~being transmitted to an external device or being received from~~ between the means for storing digital image data and an external device.

Claim 15 (currently amended): The digital camera of claim 14, further comprising:

~~a means for transmitting data files to an external device and receiving data files from an external device, and~~

a means for displaying ~~an initialization~~ a transceiving state of the means for transmitting ~~data files to an external device~~ and receiving data files ~~from an~~ between the means for storing digital image data and the external device.

Claim 16 (currently amended): The digital camera of claim 14, further comprising:

a means for displaying an electrical connection state between the digital camera and [[an]] the external device.

Claim 17 (original): A method for monitoring the status of a digital camera, the method comprising:

displaying an initialization state while initializing a communication interface.

Claim 18 (currently amended): The method of claim 17, wherein the ~~step of~~ displaying an initialization state while initializing a communication interface comprises:

monitoring a connection between the digital camera and an external device,

waiting until the connection is complete before proceeding with ~~initialization~~ the initializing of the communication interface and ~~display of~~ the displaying the initialization state,

initializing the communication interface and displaying a message indicating the initializing of the communication interface,

determining whether the ~~initialization~~ initializing of the communication interface is successful, and

if the initialization succeeds, displaying a message indicating the success of the initialization of the communication interface.

Claim 19 (currently amended): The method of claim 18, wherein the ~~step of~~ displaying [[an]] the initialization state while initializing [[a]] the communication interface further comprises:

if the initialization fails, displaying a message indicating the failure of the initialization of the communication interface.

Claim 20 (currently amended): The method of claim 18, wherein the ~~step of~~ displaying [[an]] the initialization state while initializing [[a]] the communication interface further comprises:

if the initialization fails, displaying a message offering guidance to remedy the failure.

Claim 21 (original): The method of claim 17, further comprising:

displaying a transceiving state while transmitting or receiving a data file to or from an external device.

Claim 22 (currently amended): The method of claim 21, wherein the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device further comprises:

determining whether [[a]] the data file is being transmitted or received, and

displaying a message indicating status of transmission or reception of a data file.

Claim 23 (currently amended): The method of claim 22, wherein the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device further comprises:

determining whether the initialization of the communication interface is successful,

if initialization of the communication interface is successful, proceeding with the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device, and

if initialization of the communication interface is not successful, terminating the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device.

Claim 24 (currently amended): The method of claim 22, wherein the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device further comprises:

determining [[the]] a type of the communication interface, and

displaying a message indicating the type of the communication interface.

Claim 25 (currently amended): The method of claim 17, further comprising:

repeating the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device until an end signal is input.

Claim 26 (original): The method of claim 17, further comprising:

displaying an unloaded state after the digital camera is unloaded from an external device.

Claim 27 (currently amended): The method of claim 26, wherein the ~~step of~~ displaying [[an]] the unloaded state after the digital camera is unloaded from [[an]] the external device comprises:

determining whether an unloaded signal is input to the digital camera, and

if an unloaded signal is input, displaying a message indicating the unloaded state of the digital camera.

Claim 28 (currently amended): The method of claim 27, wherein the ~~step of~~ displaying [[an]] the unloaded state after the digital camera is unloaded from [[an]] the external device comprises:

determining if the digital camera is disconnected from the external device,

if the digital camera is not disconnected from the external device, repeating the ~~step of~~ displaying [[an]] the unloaded state after the digital camera is unloaded from [[an]] the external device.

Claim 29 (currently amended): A method for monitoring the status of a digital camera, the method comprising:

displaying a state indicator that indicates progression of a transceiving state while transmitting or receiving a data file to or from an external device.

Claim 30 (currently amended): The method of claim 29, wherein the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device further comprises:

determining whether [[a]] the data file is being transmitted or received, and

displaying a message indicating status of transmission or reception of [[a]] the data file.

Claim 31 (currently amended): The method of claim 30, wherein the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device further comprises:

determining whether initialization of a communication interface is successful,

if initialization of the communication interface is successful, proceeding with the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device, and

if initialization of the communication interface is not successful, terminating the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[~~a~~]] the data file to or from [[an]] the external device.

Claim 32 (currently amended): The method of claim 30, wherein the ~~step of~~ displaying [[a]] the transceiving state while transmitting or receiving [[a]] the data file to or from [[an]] the external device further comprises:

determining [[the]] a type of the communication interface, and

displaying a message indicating the type of the communication interface.

Claim 33 (new): The digital camera of claim 1, wherein the state indicator that indicates progression of a transceiving state comprises a series of bars.

Claim 34 (new): The digital camera of claim 10, wherein the display comprises a series of bars to indicate progression of the initialization state of the communication interface.

Claim 35 (new): The method of claim 17, wherein the displaying comprises a series of bars to indicate progression of the initialization state.

Claim 36 (new): The method of claim 29, wherein the displaying comprises a series of bars to indicate progression of the transceiving state.